

March 18, 1929.

Minutes of the One Hundred and Thirty-second Meeting of the State Highway Commission held in the State Office Building, with the following members present:

R. S. Sterling, Chairman,
Cone Johnson, Member,
W. R. Ely, Member,
Gibb Gilchrist, State Highway Engineer.

1264. Motion by Judge Ely, seconded by Mr. Johnson, that if Live Oak County will provide 100 ft. right-of-way on 44.5 miles of Highway No. 9 from the Atascosa County line to Jim Wells County line, in the direction of Alice, and in addition \$10,000.00 per mile, the State will appropriate a sufficient amount to complete Units I and II; right-of-way to be secured on location to be approved by the State Highway Engineer. The State Highway Engineer is authorized to prepare plans and specifications and advertise for bids for the construction of Unit I from George West north to County line. Motion carried.
1265. Motion by Judge Ely, seconded by Mr. Johnson, that two-thirds of the cost of grading and drainage structures is hereby appropriated to Houston County on Highway No. 19, on approximately 10 miles from south of Grapeland to the Anderson County line; conditioned that the Grapeland District will vote bonds sufficient to pay one-third of the cost of said grading and drainage structures and furnish not less than 100 ft. right-of-way on location to be approved by the State Highway Engineer. Motion carried. A.F.E. 29-69.
1266. Motion by Judge Ely, seconded by Mr. Johnson, that an appropriation of State Funds is hereby made to Trinity County for the construction of a gravel or crushed stone base and double bituminous asphalt top on Highway No. 94 from Groveton to the Angelina County line, a distance of approximately 24 miles, on condition that Trinity County will contribute \$5,000.00 per mile to the cost of such construction, and not less than 80 ft. right-of-way on location approved by the State Highway Engineer. Motion carried. A.F.E. 29-70.
1267. Motion by Mr. Johnson, seconded by Judge Ely, that an appropriation of two-thirds State and Federal Funds be made to Cherokee County or Jacksonville Road District, for the construction of a bridge over Mud Creek, on Highway No. 43, between Jacksonville and Rusk County line, on condition that Cherokee County or Jacksonville Road District will contribute one-third of the cost of such construction; and the State Highway Engineer is authorized to prepare plans and specifications and advertise for bids for same. Motion carried. A.F.E. 29-71.
1268. Motion by Mr. Johnson, seconded by Judge Ely, that an appropriation of two-thirds State and Federal Funds be made to Cherokee County or Jacksonville Road District for the construction of grading and drainage structures on approximately 7.6 miles of Highway No. 43 from Jacksonville to the Jacksonville Road District line; on condition that Cherokee County or Jacksonville Road District will contribute one-third of the cost of same and furnish right-of-way not less than 100 ft. wide on location approved by the State Highway Engineer. Motion carried. A.F.E. 29-72.
1269. Motion by Judge Ely, seconded by Mr. Johnson, that the application of Hartley, Oldham, Deaf Smith, Castro and Hale Counties, for the designation of a highway from Channing, in Hartley County, to Plainview, in Hale County, via Vega, in Oldham County, Hereford in Deaf Smith County, and Dimmit, in Castro County, be referred to the State Highway Engineer for investigation, report and recommendation. Motion carried.

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1270. Motion by Judge Ely, seconded by Mr. Johnson, that the application for designation of a highway from intersection with Highway No. 5 at Quanah, in Hardeman County, to Paducah, in Cottle County, be referred to the State Highway Engineer for investigation, report and recommendation. Motion carried.
1271. Motion by Judge Ely, seconded by Mr. Johnson, that the State Highway Engineer be authorized to take over for maintenance the highway from Bowie to Montague, in Montague County, on condition that the County furnish not less than 80 ft. right-of-way. The State Highway Engineer is also authorized to make location survey of road from Montague, in Montague County, to Nocona, in Montague County, in order that the County may secure 80 ft. right-of-way on location approved by the State Highway Engineer. Motion carried. This Highway to be known as 2-F.
1272. It is moved by the Commission, upon the recommendation of the State Highway Engineer, that in view of the fact that only one bid was received on the construction of grading and drainage structures on F.A.P. #554-A Highway No. 37, in Cherokee County, and the total of said bid was approximately \$12,000.00 higher than the engineer's estimate, that the bid on this job be rejected and readvertised for letting in April.
1273. In Kerr County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 41, F.A.P. #520-A, Unit II, from Real County line to Sta. 617+00 on Highway No. 41, a distance of 11.250 miles, is awarded to Brown & Root, Austin, Texas, for \$115,085.53, which is the lowest and best bid.
1274. In Brazos and Grimes Counties, on bid received March 18, 1929, contract for bridge over the Navasota River, on Highway No. 6, F.A.P. 471-E Job Nos. 21-D and 94-A, is awarded to Austin Bridge Company, Dallas, Texas, for \$62,822.18, and the contract for construction of grading and earth approach on south side of bridge is awarded to Epprosen & Company, Dallas, Texas, for \$3,752.40, and contract for construction of grading and earth approach on the north side, S.A.P. 738-E is awarded to Epprosen & Company, Dallas, Texas, for \$6,393.99.
1275. Motion by Judge Ely, seconded by Mr. Sterling, that in view of Brazos County's inability to furnish \$15,000.00 for the construction of the Navasota River Bridge on State Highway No. 6, award of contract for this bridge and its approaches is made with the understanding that Brazos County shall be charged with \$15,000.00 and on any future work credit shall be given the State for this amount. Motion carried.
1276. It is moved by the Commission, upon the recommendation of the State Highway Engineer, that in view of the fact that only one bid was received on the construction of grading and drainage structures on Highway No. 39, S.A.P. 416-B, in Lamar County, and that said bid was irregular, the bid be rejected and work be done by State forces.
1277. In Karnes County, on bids received March 18, 1929, contract for grading and drainage structures on Highway No. 72, S.A.P. #788-A, from the DeWitt County line to San Antonio River, a distance of 5.744 miles is awarded to Cage & Ruby, Bastrop, Texas, for \$19,646.69, which is the lowest and best bid.
1278. In Karnes County, on bids received March 18, 1929, contract for grading and drainage structures on Highway No. 72, S.A.P. #788-C, from the San Antonio River to Kenedy, a distance of 7.225 miles, is awarded to W. L. Pearson, Corpus Christi, Texas, for \$37,429.50, which is the lowest and best bid.

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1278. In Starr County, on bids received March 18, 1929, contract for grading and drainage structures on Highway No. 12-B, S.A.P. #858, from Roma to Zapata County line, a distance of 15.129 miles is awarded to Smith & McComber, Austin, Texas, for \$48,933.69, which is the lowest and best bid.
1279. Motion by Judge Ely, seconded by Mr. Johnson, that the following awards of Maintenance Contracts are made on condition that the counties be given thirty (30) days in which to secure right-of-way as required by the State Highway Department, and if proper right-of-way is not secured within that date bids are to be rejected. Motion carried.
1280. In Eastland County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 23, Job #M-8-L-2, from Rising Star to one mile north of Romney, a distance of 11 miles, is awarded to McClung Construction Company, Fort Worth, Texas, for \$56,411.68, which is the lowest and best bid.
1281. In Bowie County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 5, Job #M-1-V-2, from DeKalb east for 4.88 miles, is awarded to J. E. Ward, Dallas, Texas, for \$10,456.60, which is the lowest and best bid.
1282. In Marion County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 49, Job #M-1-X-2, from Jefferson east to the Louisiana State line a distance of 20.56 miles, is awarded to Fleniken Construction Company, Shreveport, Louisiana, for \$32,640.50, which is the lowest and best bid.
1283. It is moved by the Commission, upon the recommendation of the State Highway Engineer, that the bid of the American Asphalt Company, Dallas, Texas, on Job #M-2-M-2, Dallas County, on Highway No. 78, be rejected, due to the fact that the bid is higher than the engineer's estimate, and the work be done by State forces.
1284. In Potter County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 13, Job #M-4-X, from Amarillo west for 4.95 miles, is awarded to J. W. Zempter, Amarillo, Texas, for \$10,704.40, which is the lowest and best bid.
1285. In Reeves County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 3 and 27, from 4.54 miles west of Toyahvale through Balmorhea to Pecos County line a distance of 29.38 miles, is awarded to Dexter Construction Company, Dallas, Texas, for \$39,782.60, which is the lowest and best bid. Job #M-6-G-2.
1286. In Ward County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 82, Job M-6-H-2, from Monahans south for 18.60 miles is awarded to Coke & Turner, Marshall, Texas, for \$30,053.66, which is the lowest and best bid.
1287. In Kimble County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 27, Job #M-7-M, from Junction west for 14 miles, is awarded to Kelly Construction Company, San Antonio, Texas, for \$27,311.20, which is the lowest and best bid.
1288. In Mason and McCulloch Counties on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 9, from Mason north to 6.2 miles north of Mason-McCulloch County line, a distance of 21.20 miles, is awarded to Brown & Root, Austin, Texas, for \$33,097.44, which is the lowest and best bid. Job #M-7-M.

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1289. In Coleman County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 107, Job #M-8-M-2, from Santa Anna south for 23 miles, is awarded to Coke & Turner, Marshall, Texas for \$34,786.98, which is the lowest and best bid.
1290. In Colorado County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 3, Job #M-13-J-2, from $1\frac{1}{4}$ miles east of Alleyton to Eagle Lake, a distance of 10.5 miles is awarded to Haden & Austin, Houston, Texas, for \$13,740.10, which is the lowest and best bid.
1291. In Fayette County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 72, Job #M-13-K-2, from La Grange to Junction with Highway No. 20, a distance of 20.2 miles, is awarded to Haden & Austin, Houston, Texas, for \$30,219.29, which is the lowest and best bid.
1292. In Gonzales County, on bids received March 18, 1929, contract for asphalt surface treatment on Highway No. 3, Job #M-13-L-2, from three miles south of Waelder to Fayette County line, a distance of 10 miles, is awarded to Coke & Turner, Marshall, Texas, for \$14,162.62, which is the lowest and best bid.
1293. Motion by Judge Ely, seconded by Mr. Sterling, that the State Highway Engineer proceed with the preparation of plans and specifications for gravel base on Sec. A, S.A.P. 718, Highway No. 55, in Dimmit County. Motion carried.
1294. In Johnson County an appropriation of \$3,908.89 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 10 F.A.P. 300-E, Unit II, a distance of 3.59 miles, this appropriation being an increase to F.A.P. No. 300-E, Unit II in Johnson County, to complete Unit II; apportioned \$3,084.67 Federal Funds and \$824.22 State Funds, which brings the total appropriation of State and Federal Aid funds to this project to \$25,418.89. A.F.E. 29-73.
1295. In Archer County an appropriation of \$277,934.89 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 79, F.A.P. 532-B Unit II, from the Young County line to Archer City, a distance of 16.171 miles, for the construction of concrete pavement. This appropriation is made on condition that Archer County will furnish for such improvement the sum of \$138,967.44 or one-third of the total cost of construction. A.F.E. 29-74.
1296. In Wichita County an appropriation of \$13,651.23 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 79, S.A.P. No. 761-E, from Archer County line north 609.4' to across Spillway on State Highway No. 79, a distance of 0.115 miles, for the construction of a (4-6'x3'6"x22') Multiple box culvert and earth approaches. This appropriation is made on condition that Wichita County will furnish for such improvement the sum of \$6,825.62 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County. A.F.E. 29-75.
1297. It is ordered that Wheeler, the County Seat of Wheeler County, be made a control point and the eastern terminus of State Highway No. 33-A from Pampa.

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1298. ^{March} WHEREAS, on May 19, 1928, this Commission ordered a survey made from Vernon north to the Red River on a possible extension of State Highway No. 23, and,
 WHEREAS, this survey has been completed, the route being approved by the State Resident Engineer, the State Division Engineer, and the State Highway Engineer, and it seeming that certain citizens of Wilbarger County are desirous of having changes made in this route which would locate the highway from the northwest corner of Section 35 and extending in a westerly direction to about the northwest corner of Section 12, H. & T. C. Survey, Block 11;
 It is therefore ordered that for any extension of State Highway No. 23, north of Vernon, the route approved by the State Resident Engineer, the State Division Engineer and the State Highway Engineer, will be accepted and approved and that line only will be used.
1299. In Childress County, an appropriation of \$51,189.03 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 4, S.A.P. No. 854, from the Cottle County line to Childress, a distance of 8.801 miles, for the construction of grading and drainage structures. This appropriation is made on condition that Childress County will furnish for such improvement the sum of \$51,189.02 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County, and the County to pay one-half the actual cost of construction, but should Highway No. 4 south of Childress be made a Federal Highway the County will be required to pay only one-third the actual cost.
A.F.E. 29-76.
1300. In Ward County an appropriation of \$62,254.70 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 82, S.A.P. 825-B, from intersection with Highway No. 1 to Winkler County line, a distance of 7.466 miles for grading, drainage structures and bituminous surface on caliche base. This appropriation is made on condition that Ward County will furnish for such improvement the sum of \$62,254.70 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County. A.F.E. 29-77.
1301. In Mitchell County an appropriation of \$532.04 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 7 F.A.P. 498-B, from the Nolan County line to Scurry County line, a distance of 0.416 miles for grading and drainage structures. This appropriation is made on condition that Mitchell County will furnish for such improvements the sum of \$266.00 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County.
A.F.E. 29-78.
1302. In Scurry County an appropriation of \$27,804.56 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 7, F.A.P. No. 111 (Reop) from Mitchell County line to Hermleigh, a distance of 8.817 miles, for grading and drainage structures. This appropriation is made on condition that Scurry County will furnish a 100 ft. fenced right-of-way as its contribution to Unit I, however the County is to furnish portion of Unit II as required by the State Highway Department.
A.F.E. 29-79.

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1303. In Panola County an appropriation of \$10,000.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 64, from within the City of Carthage, a town of less than 2,500 people, a distance of one mile for gravel base and asphalt topping as betterment work. This appropriation is made on condition that Panola County or abutting property owners furnish for such improvement the sum of \$3,400.00. A.F.E. 29-80.
1304. In Smith County an appropriation of \$9,062.15 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 31, from Sta. 888 to 1102 and from 1200 to 1231, F.A.P. 147, and from Sta. 91 to 427 on F.A.P. 316, for seal coat asphalt treatment as betterment work. This appropriation is made on condition that Smith County furnish such right-of-way as may be required to be not less than 80 ft. in width, fencing to be done by the County and none of the work is to be undertaken until the right-of-way is actually acquired. A.F.E. 29-81.
1305. In Smith County an appropriation of \$30,074.81 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 64, from the Smith-Van Zandt County line toward Tyler, a distance of 3.05 miles for base work and surface treatment as betterment work. This appropriation is made on condition that Smith County will furnish for such improvement the sum of \$3,050.00 and such right-of-way as may be required to be not less than 80 ft. in width, fencing to be done by the County and none of the work is to be undertaken until the right-of-way is actually acquired. A.F.E. 29-82.
1306. In Smith County an appropriation of \$3,272.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 37, from Sta. 360 to 620 on F.A.P. 197, for seal coat asphalt treatment as betterment work. This appropriation is made on condition that Smith County will furnish such right-of-way as may be required to be not less than 80 ft. in width, fencing to be done by County and none of the work to be done until right-of-way has been actually acquired. A.F.E. 29-83.
1307. In Smith County an appropriation of \$39,341.16 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 37, from end of concrete pavement four miles south of Tyler to the town of Flint, a distance of 5.75 miles, for base work and asphalt surface treatment as betterment work. This appropriation is made on condition that Smith County will furnish such improvement the sum of \$5,750.00, and such right-of-way as may be required to be not less than 80 ft. in width, fencing to be done by the County and no work to be done until right-of-way has been actually acquired. A.F.E. 29-84.
1308. In Matagorda County an appropriation of \$15,484.35 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 58, in Bay City, a distance of 1.508 miles, for the construction of grading and drainage structures. This appropriation is made on condition that Matagorda County will furnish for such improvement the sum of \$15,484.35 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County and the County to pay one-half the actual cost of construction. A.F.E. 29-85.

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1309. Motion by Judge Ely, seconded by Mr. Johnson, that the previous action of the Commission in appropriating funds for the construction of the grading and drainage structures of Highway No. 2 through La Salle County be canceled, and there is hereby appropriated State and Federal Funds of an amount sufficient to construct, of an adequate type, and satisfactory location to be decided upon by the State Highway Engineer, Highway No. 2 through the county, together with the \$600,000.00 to be put up by La Salle County, provided that the \$600,000.00 to be put up by La Salle County is appropriated by the Commissioners' Court of this County and placed in escrow, or as much thereof is left of this \$600,000 after paying for the right-of-way previously purchased for Highway No. 2 and other expenditures approved by the State Highway Engineer. The \$600,000.00 to be put up by La Salle County is to include the purchase of right-of-way, cost of preliminary engineering and the County's share of the actual construction of Highway No. 2 and the east and west highway across the County; provided further, that all expenditures out of the escrow fund are to be approved by the State Highway Engineer. Motion carried. A.F.E. 29-86.
1310. In Dimmit County an appropriation of \$28,672.38 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 55, from Zavalla County line to $1\frac{1}{2}$ miles south of Carrizo Springs, Sta. 575400, a distance of 10.833 miles for construction of gravel and caliche base course. This appropriation is made on condition that Dimmit County will furnish for such improvement the sum of \$28,672.38 and such right-of-way as may be required to be not less than 80 ft. width, fencing to be done by the County and with the further understanding that the County will pay 50% of the final cost of construction. A.F.E. 29-87.
1311. In Washington and Waller Counties an appropriation of \$16,536.02 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 20, S.A.P. 688,-C, Unit I, for grading and drainage structures and earth approaches to the Brazos River Bridge, near Chapel Hill, a distance of 0.673 miles. This appropriation is made on condition that Washington and Waller Counties will furnish such right-of-way as may be required to be not less than 100 ft. in width, on the permanent location, and 70 ft. on the temporary location, connecting with the present road, fencing to be done by County. A.F.E. 29-88.
1312. In Freestone County an appropriation of \$147,144.36 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 32 F.A.P. 483-B, Unit I, from Fairfield to the Leon County line, a distance of 17.499 miles for the construction of grading and drainage structures. This appropriation is made on condition that Freestone County will furnish for such improvement the sum of \$29,000.00 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by County. A.F.E. 29-89.
1313. Motion by Judge Ely, seconded by Mr. Johnson, that the State Highway Engineer, as soon as practicable, make a survey from Falfurrias, in Brooks County, to Hebbronville, in Jim Hogg County, with the understanding that should a designation be made, the State Highway Department would not be required to take the road over for maintenance until bonds are voted and the Counties affected are able to take care of their share of the cost of a first-class durable highway. Motion carried.
1314. Approval is given for the purchase of one Chevrolet $1\frac{1}{2}$ ton truck from the Capitol Chevrolet Sales Company, Austin, Texas, the low bidder, as recommended by the State Highway Engineer.
1315. Approval is given for the purchase of one Chevrolet $1\frac{1}{2}$ ton truck from the Davis Chevrolet Company, Johnson City, Texas, the low bidder, as recommended by the State Highway Engineer.

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1316. Motion by Judge Ely, seconded by Mr. Johnson, that an appropriation of 50% State Funds is made to cover cost of grading and drainage structures on Highway No. 45 from the Walker County line, in San Jacinto County, via Cold Springs, to the town of Shepherd, on condition that San Jacinto County will furnish not less than 80 ft. right-of-way, on location approved by the State Highway Engineer; the State Highway Engineer is authorized to prepare plans and specifications and advertise for bids for such construction. Motion carried. A.F.E. 29-90.
1317. Motion by Judge Ely, seconded by Mr. Johnson, that an appropriation of State Funds be made in San Jacinto County equal to amount spent by San Jacinto County on Highway No. 45-A, from Cold Springs to the Walker County line under the supervision and direction of the State Highway Department. A.F.E. 29-91.
1318. Motion by Judge Ely, seconded by Mr. Johnson, that the matter of location of Highway No. 36, in Fort Bend County, from Rosenberg to the Brazoria County line, be referred to the State Highway Engineer for inspection, report and recommendation to the Commission. Motion carried.
1319. Motion by Judge Ely, seconded by Mr. Johnson, that the State Highway Engineer be instructed to make survey of Highway No. 1 east of Sierra Blanca, in Hudspeth County, for the purpose of determining whether or not a suitable under-pass can be found on the Texas & Pacific Railroad, and a suitable route through Sierra Blanca on the north side of the Texas & Pacific Railroad, in order to eliminate grade crossings from there into the town of Finley; and that the State Highway Engineer indicate whether or not it is feasible and practicable to obtain a grade separation on the Southern Pacific east of the town of Sierra Blanca and come through Sierra Blanca on the south side of the Railroad, touching the town of Finley, eliminating grade crossings by that route; such report and recommendation to be made to the Commission as soon as practicable. Motion carried.
1320. Motion by Mr. Johnson, seconded by Judge Ely, that an appropriation of two-thirds State Funds be made to cover the cost of improvement of Highway No. 117, in Hutchinson County, from Stinnett to the Hansford County line, approximately 20 miles, on condition that the type of road to be constructed will not exceed approximately \$16,000.00 per mile, on location to be approved by the State Highway Engineer, the funds for such construction to be expended by, through and under the direction of the State Highway Department. Hutchinson County to furnish not less than 100 ft. right-of-way on location approved by the State Highway Engineer, and one-third of the cost of such improvement. Motion carried. A.F.E. 29-91a.
1321. Motion by Judge Ely, seconded by Mr. Johnson, that the State Highway Engineer be instructed to make location of Highway No. 71 in Wharton County from El Campo to the Colorado County line, and to make plans and specifications and advertise for bids for grading and drainage structures, provided Wharton County will furnish funds for said work, with understanding that County will be given credit on Unit II for the State's share of construction, and that first and last Wharton County will not be required to pay more than fifty per cent of the cost. Wharton County to furnish not less than 100 ft. right-of-way on location to be approved by the State Highway Engineer. It is further understood that Unit II will not be placed on said Highway until Colorado County is in funds to construct their part of Highway No. 71. Motion carried.
1322. Motion by Judge Ely, seconded by Mr. Johnson, that the application of Hopkins County for the designation of a highway from Bogata, in Red River County, to Highway No. 37 at Quitman, in Wood County, via Sulphur Springs, in Hopkins County, be referred to the State Highway Engineer for investigation, report and recommendation. Motion carried.

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1323. Motion by Judge Ely, seconded by Mr. Johnson, that the State Highway Engineer make investigation, report and recommendation as to whether or not it would be advantageous to the State system of highways to take over for maintenance Highway No. 82, in Pecos County, from Fort Stockton to Sanderson. Motion carried.
1324. Motion by Judge Ely, seconded by Mr. Sterling, that the State Highway Engineer ascertain whether or not it would be practicable to improve five miles of Highway No. 82 north of Fort Stockton, in Pecos County, with maintenance funds. Motion carried.
1325. Motion by Judge Ely, seconded by Mr. Sterling, that the State Highway Engineer appoint a Resident Engineer for Pecos County.
1326. Motion by Judge Ely, seconded by Mr. Sterling, that a highway be designated from Marfa, in Presidio County, to Fort Davis, in Jeff Davis County, on condition that Presidio and Jeff Davis Counties contribute one-half of the necessary funds for the permanent improvement of said highway as a high-class road. This is an extension of Highway No. 118.
1327. Motion by Judge Ely, seconded by Mr. Sterling, that an appropriation of fifty per cent State Funds be made to cover the construction of a bridge over Arroya Alamita on Highway No. 54, east of Marfa, in Presidio County on condition that County will furnish one-half of cost of such construction, said bridge to be on location approved by the State Highway Engineer. Motion carried. A.F.E. 29-92.
1328. In Fannin County an appropriation of \$5,214.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 34, from Honey Grove, Texas, to Ladonia, Texas, for rebuilding creosoted timber bridge consisting of 6-17 panels, 24 ft. roadway and earth approaches over Channel of Sulphur River approximately 2-1/2 miles north of Ladonia. A.F.E. 29-93.
1329. In Hunt County an appropriation of \$4,532.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 39, from intersection of Highway No. 1 and 39 east of Greenville northeast to the end of F.A.P. 188, a distance of 4.12 miles for reshouldering special Job #M-1-K. An 80 ft. right-of-way has been secured and all fences set back. A.F.E. 29-94.
1330. In Kaufman County an appropriation of \$4,336.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 15, at Forney Gap for repairing bridges as betterment work. A.F.E. 29-95.
1331. In Montague County an appropriation of \$2,150.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway from Bowie to Montague, a distance of 10.15 miles, for general maintenance. A.F.E. 29-96 (Hwy #2-7)
1332. In Garza County an appropriation of \$4,500.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 7, Auth. No. 13, from Scurry County line through Garza County to Lynn County line, a distance of 45.6 miles, which appropriation brings the total State and Federal Aid Funds to this project to \$22,740.00. A.F.E. 29-97.
1333. In Ward County, escrow papers having been received from the Monahans District in the amount of \$62,254.70 to cover one-half of the cost of construction of Highway No. 82, from Monahans to the Winkler County line, the State Highway Engineer is instructed to proceed with this construction.

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1334. In Ward County an appropriation of \$16,000.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 1, from East county line to west county line, a distance of 41.15 miles, this appropriation being an increase in General Maintenance Budget in Ward County which brings the total maintenance appropriation to this project to \$32,860.00. This appropriation is made on condition that Ward County will furnish such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County. A.F.E. 29-98.
1335. In Ward County an appropriation of \$2,820.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 1, from F.A.P. 391-B at Barstow to Pecos River, a distance of 3,000 feet, for guard fence as betterment work. A.F.E. 29-99.
1336. In Kimble and Sutton Counties an appropriation of \$21,000.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 27, being approximately 7 miles in Sutton County and approximately 7 miles in Kimble County, a distance of 14 miles, for clearing right-of-way and opening to traffic; this appropriation being made on condition that the two counties mentioned above will maintain as a public road the present location through the North Fork of the Llano River and provide suitable stopping places for traffic along the said river. A.F.E. 29-100.
1337. In Taylor County an appropriation of \$500.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Materials & Test Division on State Highway No. 1 and 1-A, from Abilene west and north to the Taylor County line, a distance of 31.5 miles, this appropriation being an increase to original appropriation made May 25, 1928, Minute No. 636, for research work on projects now under construction in Taylor County. A.F.E. 29-101.
1338. Motion by Mr. Johnson, seconded by Mr. Sterling, that Minute No. 676 regarding State Highway No. 8, in Harrison County, be cancelled and that in lieu thereof there be appropriated \$107,000.92 State Funds and \$12,000 County aid to widen and resurface State Highway No. 8 in the aforesaid County between Marshall and the Marion County line, a distance of 12 miles with the understanding that the grading and culvert extension work will be completed by the maintenance division for which the sum of \$27,835.94 of the above appropriation is set aside, and that the resurfacing work is to be handled by the construction division. Of the amount specified for the maintenance division, the sum of \$6,039.00 is to be used to reimburse Authorization No. 20 for funds already expended. It is further understood that Harrison County will furnish an 80 ft. fenced right-of-way. Motion carried. A.F.E. 29-102.
1339. In Harrison County an appropriation of \$26,835.94 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 8, from Marshall north to Marion County line, for widening road bed and extending concrete culverts as betterment work. This appropriation is made on condition that Harrison County will furnish such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County. A.F.E. 29-103.
1340. In Gregg County an appropriation of \$9,898.11 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 15, from Station 298+34 to Station 327+30.7, a distance of 2,896 feet, for grading and drainage structures on alignment change and betterment at point five miles northeast of Gladewater. Work includes building of treated timber bridge over Hawkins Creek. This appropriation is made on condition that Gregg County will furnish right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County. A.F.E. 29-104.

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1341. In Division No. 11, an appropriation of \$7,500.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highways Nos. 8, 21, 35, 40, 45, 63, 87 and 94, for purchase of dynamite to be used in blowing stumps preparatory to widening road beds and opening drainage of side ditches. A.F.E. 29-105.
1342. In Matagorda County an appropriation of \$23,432.20 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 71, from underpass (St. L. B. & M. RR. Co.) to Wharton County line, a distance of 9.606 miles for the construction of grading and drainage structures. This appropriation is made on condition that Matagorda County will furnish for such improvement the sum of \$23,432.20 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County, and the County to pay $\frac{1}{2}$ actual cost of construction. A.F.E. 29-106.
1343. In Matagorda County an appropriation of \$12,454.57 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 58, S.A.E. 832-C, Unit I, for the construction of grading and drainage structures and underpass from Sta. 791+25 to 872+25, a distance of 0.802 miles. This appropriation is made on condition that Matagorda County will furnish for such improvement the sum of \$12,454.57 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County, and County to pay $\frac{1}{2}$ actual cost of construction. A.F.E. 29-107.
1345. In Hardin and Jasper Counties an appropriation of \$100,000.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 8 a distance of 1.2 miles, for bridge and approaches across Neches River. This project included 1656 ft. of bridge, 1309 ft. timber trestle and one span (steel) 175' & 170' and joins up with a project under construction in Hardin County. This appropriation is made on condition that Hardin-Jasper Counties will furnish such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County. A.F.E. 29-108.
1346. In Comal County an appropriation of \$7,920.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 2, from New Braunfels to Guadalupe County line, a distance of 9.6 miles for widening base and top and building up low edges as betterment work. A.F.E. 29-109.
1347. In Travis County an appropriation of \$4,600.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 29 from intersection of Highway No. 2 and 29 north of Insane Asylum west on south side of Blind Institute, a distance of 2,373 feet for base repair and surface treatment as betterment work. A.F.E. 29-110.
1348. In Travis County an appropriation of \$12,341.63 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 2, from north city limits of Austin north through State property to intersect present location No. 2, a distance of .859 miles, for grading, bridging and surfacing with asphalt treatment as betterment work. A.F.E. 29-111.
1349. In Starr County an appropriation of \$21,406.09 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 2, from Roma to Zapata County line, for grading road bed of Highway No. 2 as betterment work. This appropriation is made on condition that Starr County will furnish such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County. A.F.E. 29-112.

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1358. In Wichita County, on bids received March 19, 1929, contract for concrete multiple box culvert and earth approaches on Highway No. 79, S.A.P. 761-E, from Archer County line north 609.4 feet across spillway, a distance of 0.115 miles, is awarded to Carl C. Madsen, Paducah, Texas, for \$17,096.68, which is the lowest and best bid.
1359. In Matagorda County, on bids received March 19, 1929, contract for grading and drainage structures on Highway No. 58, S.A.P. 832-F, in Bay City, a distance of 2.277 miles, is awarded to Chas. K. Horton, Houston, Texas, for \$33,336.50, which is the lowest and best bid.
1360. In Karnes County, on bids received March 19, 1929, contract for grading and drainage structures on Highway No. 112, S.A.P. 789-A, from Karnes City to Ecletto Creek, a distance of 9.204 miles is awarded to Standifer Bros, Big Wells, Texas, for \$27,312.48, which is the lowest and best bid.
1361. In Karnes County, on bids received March 19, 1929, contract for grading and drainage structures on Highway No. 112, from Ecletto Creek to Wilson County line, S.A.P. 789-B, a distance of 15.602 miles, is awarded to J. A. Greathouse, Austin, Texas, for \$43,859.44, which is the lowest and best bid.
1362. In Lavaca County, on bids received March 19, 1929, contract for grading and small drainage structures on Highway No. 109, S.A.P. 842-B, from Henkaus to Midway, a distance of 9.920 miles, is awarded to E. M. Wood, Victoria, Texas, for \$37,741.73, which is the lowest and best bid.
1363. It is ordered by the Commission that the minutes of the Highway Commission dated February 20, 1929, appropriating funds for the construction of F.A.P. 439-G in Hudspeth County, which is 3.222 miles of State Highway No. 1 between the end of F.A.P. 245-E and Campo Grande Arroyo, be modified so as to require the County to furnish an 80 ft. right-of-way instead of 100 ft. right-of-way. This action was taken on account of the fact that the plans were prepared on the basis of an 80 ft. right-of-way and approved by this Department, and the 80 ft. right-of-way has been secured and fenced.
1364. Motion by Judge Ely, seconded by Mr. Sterling, that the Bureau of Public Roads be requested to modify the Federal Aid Highway System of Texas, approved October 12, 1923, and amendments thereto so that the description of Highway No. 5 will read as follows: "From the Texas-Arkansas State line at Texarkana, via New Boston, Clarksville, Paris, Bonham, Sherman, Gainesville, Ringgold, Henrietta, Wichita Falls, Vernon, Quanah, Childress, Estelline, Washburn, Amarillo and Dalhart to the Texas-New Mexico State line at Texline." Motion carried.
1365. Motion by Judge Ely, seconded by Mr. Sterling, that an appropriation of \$12.00 out of the General Fund is hereby made for the payment of Notary Fees for the following who have been appointed to act as Notaries Public in this office: Mrs. Roger Schieffer, Marie J. Schutze, W. G. Kinney, Zay Johnson, John S. Ward, and Alice Younger. A.F.E. 29-117.
- X 1366. It is ordered that an appropriation of \$2,986.87 be made to cover cost of Biennial Report, Material Haul Tickets for Divisions, and miscellaneous printing. Motion carried. A.F.E. 29-118.

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1366-A. Motion by Judge Ely, seconded by Mr. Johnson, that the designation of State Highway #11 be extended from Omaha to DeKalb, in Bowie County, and thence to Red River, that the State Highway Engineer be instructed to make a survey for final location of this road from Daingerfield to the Red River through Omaha and DeKalb and that the interested counties shall furnish the State title to not less than a 100 ft. right-of-way and more when needed along the approved route, the cost of said right-of-way to be exclusive of the funds now known to be available, in Morris County \$75,000.00 and Bowie County \$130,000.00; after this survey has been made and approved, the State Highway Engineer is authorized to provide for such necessary construction as may be required to open the road for traffic, such work being done on a basis of 50% from the counties and 50% from the State and shall not include any portion of the Red River Bridge or Ferry, which service is to be furnished free to the traveling public by Bowie County, Texas, and the State of Oklahoma. The State Highway Engineer is instructed to make only such construction projects as may give fullest use and benefit to any improvements now made regardless whether such improvements may be properly located, and right-of-way title given State on what will be the final location; provided further that no construction be authorized north of DeKalb on such highway until the State of Texas and the State of Oklahoma, and Bowie County, Texas, and McCurtain County, Oklahoma, shall provide funds for bridge over the Red River. Motion carried.

1366-B It is moved by the Commission that a State Highway be designated from Livingston, in Polk County, to Point Blank, in San Jacinto County, and that the State Highway Engineer be instructed to make a survey of the road from Livingston into Huntsville, joining the highway now designated to the present highway at Point Blank, if topographical features permit.

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1367. It is ordered by the Commission that the following appointments be approved in accordance with the recommendation of the State Highway Engineer:
- P. H. Caldwell, Resident Engineer for Pecos County, at salary of \$275.00
 - W. D. Dockery, Resident Engineer for Grayson County, at salary of \$350.00, filling vacancy occasioned by resignation of J. G. Rollins.
 - Exline Martin, Resident Engineer for Tyler and Polk Counties, at salary of \$275.00.
 - A. C. Love, Resident Engineer for Ellis County and north end of Navarro County, at salary of \$425.00, of which \$300.00 is to be charged to work in Ellis County and \$125.00 to work in Navarro County.
1368. In Hall County an appropriation of \$263,000.00 State and Federal Funds is hereby made to be expended under the direction of the State Highway Engineer through the Construction Division on State Highway No. 5, from Estelline to Newlin, a distance of two miles, for bridge across Prairie Dog Town, Fork Red River Overpass and gap in present highway including the estimated cost of bridge at \$201,000.00, grading and overpass and small structures, \$62,000.00, concrete paving, \$60,000.00 - Total \$323,000.00. This appropriation is made on condition that Hall County will furnish for such improvement the sum of \$40,000.00 and such right-of-way as may be required to be not less than 100 ft. in width, fencing to be done by the County, and with the understanding that the F. W. & D.C. Railroad will furnish \$20,000.00. A.F.E. 29-119.
1369. In Erath County an appropriation of \$5,000.00 State Funds is hereby made to be expended under the direction of the State Highway Engineer through the Maintenance Division on State Highway No. 68, from Stephenville to Chalk Mountain, a distance of 18.86 miles, this appropriation being an increase to Maintenance Project No. M-9-R, for betterment work, which appropriation brings the total State and Federal Aid Funds to this project to \$36,297.42. A.F.E. 29-120.

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- 1370 In San Jacinto County, on bids received March 19th, 1929, contract for concrete pavement on Highway No. 35, F.A.P. 426-B, Unit II, from Polk County line to Liberty County line, a distance of 13.480 miles is awarded to Russ Mitchell, Hogston, Texas, for \$283,981.08, which is the lowest and best bid.

APPROVED:

[Signature]
State Highway Engineer

[Signature]
Chairman,

[Signature]
Member

[Signature]
Member